

Contractor Deliverables/Requirements and DOE Contract Mgmt Actions

Clause #	Requirement	Due Date	DOE Lead*	AMPD	AMSR	AMO	AMIC	CO	AMSQ	OSR	BMA	OCC	ORP MGR
B.2	Modify contract to obligate funds (DOE action).	As Required	BMA					S			L		
B.3	Modify Table B-1 as Required by Equitable Adjustments (DOE Action)	As Required	CO	S	S	S		L			S	S	S
C.1	Verify compliance with the last paragraph of section which states: "Contractor fee is at risk if the scope of work is not performed as agreed." (DOE Action)	As Required	CO	S	S	S	S	L	S	S	S	S	S
C.2(a)(1)	Perform planning based on requirements, interfaces, endpoint targets and performance objectives	As Required	AMO	S	S	L	S	S	S	S	S		
C.02(a)(2)(a)	Complete and maintain an integrated life-cycle baseline which reflects technical scope of work specified in the Contract.	04-Oct-00	AMIC	S	S	S	L	S					
C.02(a)(2)(b)	Complete and maintain an integrated life-cycle baseline which reflects project/program schedules with critical paths identified.	04-Oct-00	AMIC	S	S	S	L	S					
C.02(a)(2)(i)	The Contractor shall develop and use a Work Breakdown Structure (WBS), which will align with the DOE-ORP WBS.	30-Sep-01	AMIC	S	S	S	L		S		S		
C.02(a)(2)(ii)	Systems Engineering Management Plan - Describe approach to systems engineering in a Systems Engineering Management Plan as required in Section J, Appendix E.	30-Aug-01	AMSR	S	L	S	S		S				
C.02(a)(2)(iii)	Risk Management Plan - Describe approach to risk management in the Risk Management Plan as required in Section J, Appendix E.	15-Apr-01	AMIC	S	S	S	L		S				
C.2(a)(2) (vii)	Provide operational and constructability reviews for WTP design and permitting	As Required	AMPD	L	S	S			S	S			
C.02(a)(2)(ix)-1	Revise the existing RPP Baseline to reflect changes made by this Contract and work with the WTP contractor and DOE-ORP to resolve schedule discrepancies.	15-May-01	AMIC	S	S	S	L	S	S		S		
C.02(a)(2)(ix)-2	The revised baseline shall promote understanding of logical sequence of major DOE-ORP, WTP, and TFC activities and identify all major interfaces between performing organizations.	15-May-01	AMIC	S	S	S	L	S	S	S	S		
C.02(a)(2)(ix)-3	The revised RPP Baseline shall contain a level of detail similar to that in the Expanded Management Summary Schedule, Revision 0, and be consistent with WTP Contractor Deliverables 1.2 and 1.5 of Contract No. DE-AC27-01RV14136.	15-May-01	AMIC	S	S	S	L	S	S		S		
C.02(a)(2)(ix)-4	Integrate updated WTP construction and operations schedule into the RPP Baseline, resolve all logic flaws and deliver revised RPP Baseline to ORP.	01-Sep-01	AMIC	S	S	S	L		S		S	S	
C.02(a)(2)(ix)-5	The RPP Baseline will be maintained, revised, and updated, if needed, annually.	01-Sep-01	AMIC	S	S	S	L	S	S		S		
C.02(a)(2)(ix)-6	The Contractor shall provide the supporting TFC baseline package to DOE-ORP each year on March 1st, fully integrated with the WTP contractor and supporting other Hanford contractor baseline packages.	01-Mar-02	AMIC	S	S	S	L	S	S		S		
C.02(a)(2)(ix)-7	Provide to DOE-ORP the appropriate allocation of funds for the next fiscal year by PBS and by line item.	Annually on 12-15	BMA	S	S	S	S	S	S		L		
C.02(a)(2)(c)	Complete and maintain an integrated life-cycle baseline which reflects a validated cost profile based on a resource-loaded schedule.	04-Oct-00	AMIC	S	S	S	L	S	S		S		

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C.02(a)(3)	DOE-ORP must approve the baselines and the supporting documentation before the Contracting Officer authorizes the commencement of work. (DOE Action)	As Required	BMA	S	S	S	S	S	S		L		
C.02(b)(5)	Provide to DOE via a computerized file, periodic accounting entries regarding government property acquisitions, dispositions, and monthly depreciation charges.	Monthly	BMA								L		
C.02(c)(6)	Diversity Plan - Submit updated revision to the Diversity Plan, as set forth in Section J, Appendix G, to ORP and update annually.	Annually on 2-1	BMA	S	S	S	S	S	S		L	S	S
C.02(c)(7)	Internal Audit Plan - An updated revision to the Internal Audit Plan as set forth in Section J, Appendix E, shall be submitted to ORP and updated annually.	Annually on 6-15	BMA								L		
C.02(d)(1)(ix)	Update Authorization Agreements (AA's), developed in accordance with ISMS, annually or as required by changing conditions or contractor requirements.	30-Jun-02	AMSQ	S	S	S			L				
C.02(e)(2)(I)	Recommend to DOE-ORP the use by the contractor of Government-owned assets	As Required	AMIC				L				S	S	
C.02(g)	Participate in DOE-ORP external/internal communications program	As Required	CO			S		L					S
C.02(g)(5)	Respond with information as requested by DOE-ORP in support of Freedom of Information Act and/or Privacy Act requests	As Required	CO					L					S
C.03(a)(1)(i)	Provide a basis for the recommended removal of all tanks from the Watch List established by Public Law 1010-510, Section 3137.	30-Jun-01	AMO			L			S				
C.03(a)(1)(iii)	The criteria and milestones in the Interim Stabilization Consent Decree shall be met.	30-Sep-01	AMO			L			S			S	
C.03(a)(1)(iv)(B)(p01)	FY01 - Provide technical basis to close Flammable Gas Safety issues.	30-Jun-01	AMO			L			S				
C.03(a)(1)(iv)(B)(p02)	FY01 - Adjust DST waste pH to meet operational specifications.	30-Sep-01	AMO			L			S				
C.03(a)(1)(iv)(B)(p03)	FY01 - Complete Interim Stabilization of three SST in accordance with the Interim Stabilization Consent Decree (ISCD), CT-99-5076-EFS.	30-Sep-01	AMO			L						S	
C.03(a)(1)(iv)(B)(p04)	FY01 - Start Saltwell pumping of 8 SSTs in accordance with ISCD.	30-Sep-01	AMO			L						S	
C.03(a)(1)(iv)(B)(p05)	FY01 - Reduce Organic Complexed Pumpable Liquids to 5% of Total Volume in accordance with ISCD.	30-Sep-01	AMO			L						S	
C.03(a)(1)(iv)(B)(p06)	FY01 - Submit DST System Integrity Plans and tests in accordance with tank integrity Administrative Orders (TIAO) 00NWPKW-1250 and -1251.	30-Sep-01	AMO			L			S				
C.03(a)(1)(iv)(B)(p07)	FY02 - Reduce SST Liquids to 18% total volume in accordance with ISCD.	30-Sep-02	AMO			L						S	
C.03(a)(1)(iv)(B)(p08)	FY02 - Submit ultrasonic test reports for 4 DSTs in accordance with TIAO.	30-Sep-02	AMO			L			S				
C.03(a)(1)(iv)(B)(p09)	FY02 - Start Saltwell pumping of 9 SSTs in accordance with ISCD.	30-Sep-02	AMO			L						S	
C.03(a)(1)(iv)(B)(p10)	FY02 - Complete Saltwell pumping of 4 SSTs in accordance with ISCD.	30-Sep-02	AMO			L						S	
C.03(a)(1)(iv)(B)(p11)	FY03 - Reduce SST liquid to 2% of total volume.	30-Sep-03	AMO			L						S	
C.03(a)(1)(iv)(B)(p12)	FY03 - Complete Saltwell pumping of 200 East Area tanks in accordance with ISCD.	30-Sep-03	AMO			L						S	
C.03(a)(1)(iv)(B)(p13)	FY03 - Complete Saltwell pumping of 200 West Area Tanks in accordance with ISCD.	30-Sep-03	AMO			L						S	

Contractor Deliverables/Requirements and DOE Contract Mgmt Actions

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C.03(a)(1)(iv)(B)(p14)	FY03 - Submit ultrasonic test reports for 4 DSTs in accordance with TIAO.	30-Sep-03	AMO			L			S				
C.03(a)(1)(iv)(B)(p15)	FY04 - Submit ultrasonic test reports for 4 DSTs for transmittal to Washington State Department of Ecology.	30-Sep-04	AMO			L			S				
C.03(a)(1)(iv)(B)(p16)	FY04 - Complete Interim Stabilization of SSTs.	30-Sep-04	AMO			L						S	
C.03(a)(1)(iv)(B)(p17)	FY05 - Complete SST intrusion prevention.	30-Sep-05	AMO			L			S				
C.03(a)(1)(iv)(B)(p18)	FY05 - Complete 242A Evaporator upgrade construction.	30-Sep-05	AMO		S	L					S		
C.03(a)(1)(iv)(B)(p19)	FY05 - Submit ultrasonic test reports for 4 DSTs in accordance with TIAO.	30-Sep-05	AMO			L			S				
C.03(a)(1)(iv)(B)(p20)	FY06 - Submit DST integrity assessment report in accordance with TIAO.	30-Sep-06	AMO			L			S				
C.03(a)(1)(iv)(B)(p21)	FY06 - Submit ultrasonic test reports for 2 DSTs.	30-Sep-06	AMO			L			S				
C.03(a)(2)(i)	Contractor shall establish F&R(s) and install the equipment needed to reliably deliver the proper waste feed on schedule for Phase I waste treatment per WTP Contract.	30-Sep-01	AMSR	S	L	S			S				
C.03(a)(2)(iii)	Provide direction to contractor for development of RPP flowsheet and planning inclusive of all major process steps and/or systems (DOE Action)	As Required	AMSR	S	L	S	S		S	S			
C.03(a)(2)(iv)(B)(p01)	FY01 - Submit Functions and Requirements Document for tank S-112 in accordance with proposed TPA M-45-00-01A change.	30-Sep-01	AMSR	S	L	S			S				
C.03(a)(2)(iv)(B)(p02)	FY01 - Submit Functions and Requirements Document for tank C-104 in accordance with proposed TPA M-45-00-01A change.	30-Sep-01	AMSR	S	L	S			S				
C.03(a)(2)(iv)(B)(p03)	FY02 - Submit Functions and Requirements Document for tank S-102 in accordance with proposed TPA M-45-00-01A change.	30-Sep-02	AMSR	S	L	S			S				
C.03(a)(2)(iv)(B)(p04)	FY02 - Complete W-314 construction of AW, AY and AZ Master Pump Shutdown system.	30-Sep-02	AMPD	L		S			S				
C.03(a)(2)(iv)(B)(p05)	FY02 - Complete W-211 construction of control building upgrades and AN Caustic Dilution System.	30-Sep-02	AMPD	L	S	S			S				
C.03(a)(2)(iv)(B)(p06)	FY03 - Complete S-112 Saltcake waste retrieval demonstration design.	30-Sep-03	AMPD	L	S	S			S				
C.03(a)(2)(iv)(B)(p07)	FY03 - Complete W-314 Construction of Phase 2 upgrades for AZ Tank Farm.	30-Sep-03	AMPD	L	S	S			S				
C.03(a)(2)(iv)(B)(p08)	FY03 - Complete W-314 Construction of Phase 2 upgrades for AY Tank Farm.	30-Sep-03	AMPD	L	S	S			S				
C.03(a)(2)(iv)(B)(p09)	FY04 - Complete W-211 Construction of AZ 101 Retrieval System.	30-Sep-04	AMPD	L	S	S			S				
C.03(a)(2)(iv)(B)(p10)	FY04 - Complete W-314 Construction of Phase 2 upgrades for AP Tank Farm.	30-Sep-04	AMPD	L	S	S			S				
C.03(a)(2)(iv)(B)(p11)	FY04 - Complete AP-101 Transfer pump replacement.	30-Sep-04	AMO	S	S	L			S				
C.03(a)(2)(iv)(B)(p12)	FY04 - Complete Cold Demonstration for Tank C-104 in accordance with proposed TPA M-45-00-01A change.	30-Sep-04	AMSR	S	L	S			S				
C.03(a)(2)(iv)(B)(p13)	FY05 - Complete S-112 Saltcake waste retrieval demonstration in accordance with proposed TPA M-45-00-01A change.	30-Sep-05	AMO	S	S	L			S				
C.03(a)(2)(iv)(B)(p14)	FY05 - Complete W-314 Construction of Phase 2 upgrades for AN, AW, and SY Tank Farm.	30-Sep-05	AMPD	L	S	S			S				
C.03(a)(2)(iv)(B)(p15)	FY05 - Complete Project W-314 meeting TPA milestone M-43-00, Complete Tank Farm Upgrades.	30-Sep-05	AMPD	L	S	S			S				

* All DOE Actions are concurrence.

Contractor Deliverables/Requirements and DOE Contract Mgmt Actions

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C.03(a)(2)(iv)(B)(p16)	FY06 - Complete S-102 Initial retrieval in accordance with proposed TPA M-45-00-01A.	30-Sep-06	AMO	S	S	L			S				
C.03(a)(2)(iv)(B)(p17)	FY06 - Complete Construction of Tank C-104 retrieval system in accordance with proposed TPA M-45-00-01A change.	30-Sep-06	AMPD	L	S	S			S				
C.03(a)(2)(iv)(B)(p18)	FY06 - Complete C-Farm upgrades to support tank C-104 retrieval.	30-Sep-06	AMPD	L	S	S			S				
C.03(a)(2)(iv)(B)(p19)	FY06 - Complete design of additional SST retrieval system in accordance with proposed TPA M-45-00-01A change.	30-Sep-06	AMPD	L	S	S			S				
C.03(a)(3)(i)	Contractor shall design, procure, construct and operate infrastructure to enable WTP facilities to be constructed and operated per WTP contract, and consistent with the Interface Control Documents for infrastructure activities.	30-Sep-01	AMSR		L	S			S		S		
C.03(a)(3)(ii)(A)(p01)	Complete Infrastructure upgrades in accordance with WTP Interface Control Documents.	30-Sep-01	AMSR	S	L	S			S		S		
C.03(a)(3)(ii)(A)(p02)	Provide services and utilities to support the WTP in accordance with the WTP Interface Control Documents.	30-Sep-01	AMSR		L	S					S		
C.03(a)(4)(ii)(B)(p01)	FY03 - Submit ILAW disposal Part B permit application.	31-May-03	AMSR		L	S			S				
C.03(a)(4)(ii)(B)(p02)	FY03 - Submit Canister Storage Building Part B permit application.	30-Sep-03	AMSR		L	S			S				
C.03(a)(4)(ii)(B)(p03)	FY03 - Complete W-464 PSAR.	30-Sep-03	AMPD	L		S			S				
C.03(a)(4)(ii)(B)(p04)	FY04 - Start W-520 ILAW disposal facility design.	30-Sep-04	AMPD	L	S	S			S				
C.03(a)(4)(ii)(B)(p05)	FY04 - Start W-464 IHLW storage facility design.	30-Sep-04	AMPD	L	S	S			S				
C.03(a)(4)(ii)(B)(p06)	FY05 - Complete IHLW failed melter transport system design.	30-Sep-05	AMPD	L	S	S			S				
C.03(a)(4)(ii)(B)(p07)	FY05 - Complete ILAW failed melter disposal trench and transport system design.	30-Sep-05	AMPD	L	S	S			S				
C.03(a)(4)(ii)(B)(p08)	FY05 - Complete W-464 design.	30-Sep-05	AMPD	L	S	S			S				
C.03(a)(4)(ii)(B)(p09)	FY05 - Start W-520 construction.	30-Sep-05	AMPD	L					S				
C.03(a)(4)(ii)(B)(p10)	FY05 - Start W-464 construction.	30-Sep-05	AMPD	L					S				
C.03(a)(4)(ii)(B)(p11)	FY06 - Complete procurement of ILAW and IHLW sample transport systems.	30-Sep-06	AMPD	L				S	S		S		
C.03(a)(5)(ii)(B)(p01)	FY02 - Submit Tank Farm Closure/Post-Closure Work Plan Update in accordance with proposed TPA M-45-00-01A change.	30-Sep-02	AMSR		L	S			S				
C.03(a)(5)(ii)(B)(p02)	FY03 - Complete 244AR Vault stabilization.	30-Sep-03	AMO			L			S				
C.03(a)(5)(ii)(B)(p03)	FY04 - Complete 244CR Vault stabilization.	30-Sep-04	AMO			L			S				
C.03(a)(5)(ii)(B)(p04)	FY04 - Submit Tank Farm Closure/Post-Closure Work Plan Update in accordance with proposed TPA M-45-00-01A.	30-Sep-04	AMSR		L	S			S				
C.03(a)(5)(ii)(B)(p05)	FY06 - Submit Tank Farm Closure/Post-Closure Work Plan Update in accordance with proposed TPA M-45-00-01A.	30-Sep-06	AMSR		L	S			S				
C.04	Contractor shall be responsible for WTP interim responsibilities for 45 days after WTP Award.	28-Feb-01	AMPD	L	S	S			S	S			
E.01(b)	The contractor shall provide and maintain an inspection system acceptable to the Government covering the supplies, fabricating methods, and special tooling under this contract.	As Required	AMPD	L	S	S	S	S					
E.02(b)	The contractor shall provide and maintain an inspection system acceptable to the Government covering the services under this contract.	As Required	AMPD	L	S	S	S	S					
E.03	Accomplish Acceptance for all work under contract (DOE Action)	As Required	CO	S	S	S	S	L					

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Clause #	Requirement	Due Date	DOE Lead*	AMPD	AMSR	AMO	AMIC	CO	AMSQ	OSR	BMA	OCC	ORP MGR
F.03(b)	The Contractor's databases and reporting shall be available to DOE ORP no later than 10 working days after the close of the reporting period.	30-Sep-01	AMIC	S	S	S	L		S		S		
F.03(d) and Table F-1	Report monthly Contract Funds Status indicating cumulative-to-date amounts for BA allotted, obligated, and committed.	Monthly	BMA	S	S	S	S				L		
F.03(e)(p01)	The contractor shall provide written notification of provider or changes in provider to the Contracting Officer at a minimum annually.	Annually on 9-30	CO					L					
F.03(e)(p03)	Provide Monthly Critical Path Analysis Report.	Monthly	AMIC	S	S	S	L		S				
F.03(e)(p04)	Provide As Required WBS Report.	As Required	AMIC	S	S	S	L		S		S		
F.03(e)(p05)	Provide As Required WBS Description Report.	As Required	AMIC				L						
F.03(e) and Table F-1	Provide Annually PBS Submittal Report.	Annually on 5-10	BMA				S				L		
F.03(e)(p07)	Provide Monthly Performance Overview Report.	Monthly	AMIC	S	S	S	L	S	S		S	S	S
F.03(e)(p08)	Provide Monthly Integrated Planning, Accountability, and Budgeting System - Information System Report.	Monthly	AMIC				L				S		
F.03(e)(p09)	Provide Monthly Contract Funds Status Report.	Monthly	BMA	S	S	S	S	S			L		
F.03(e) and Table F-1	Provide Annual Financial Statements Reporting Requirements Letter.	Annually	BMA					S			L		
F.03(e) and Table F-1	Provide Annual Functional Support Cost Report.	Annually	BMA					S			L		
F.03(e) and Table F-1	Provide Annually Report of Compensation.	Annually	BMA					S			L		
F.03(e) and Table F-1	Provide Annually Report of Contractors Earning and Supplementary Compensation.	Annually	BMA					S			L		
F.03(e) and Table F-1	Provide Annually Pension Plan Actuarial Data.	Annually	BMA					S			L		
F.03(e) and Table F-1	Provide Monthly Property Acquisitions and Dispositions.	Monthly	BMA					S			L		
F.03(e) and Table F-1	Provide Annually Fire Replacement Report.	Annually	BMA					S			L		
F.03(e) and Table F-1	Provide Annually Physical Inventory Report.	Annually	BMA					S			L		
G.02	The contractor shall provide periodic electronic invoices	Monthly	BMA	S	S	S	S	S	S	S	L	S	
H.01(c)	Fee reallocation (DOE Action)	As Required	CO	S	S	S	S	L					
H.01(d)(1)(p2)	Implement the revised WBS.	30-Sep-01	AMIC	S	S	S	L		S		S		
H.01(d)(1)(p1)	The CV and SV as measured at Level 4 of the WBS (except for interim stabilization and characterization, which are measured at WBS Level 3), shall not exceed an unfavorable cost variance of 5% or an unfavorable schedule variance of 7.5%.	30-Sep-01	AMIC	S	S	S	L	S			S		
H.01(f)	Determine final earned fee (also see I.108) (DOE Action)	Annually in Dec	CO	S	S	S	L	S			S	S	S
H.01(g)	SSPBIs challenge the contractor to accomplish significant and mission critical work activities that are in the baseline but not currently funded or which significantly accelerate workscope. To activate the SSPBI the contractor will submit a BCR.	As Required	CO	S	S	S	S	L			S		
H.01.I	Allocate all Fee (DOE Action)	As Required	CO	S	S	S	S	L					S
H.02(b)	The contractor shall submit to the CO at the beginning of each month, the provisional fee for that month.	Monthly	CO	S	S	S	S	L			S	S	S
H.03	The Contracting Officer shall be the only individual on behalf of the Government authorized to: (a) Accept non-conforming work; (b) Waive any requirement of this Contract; or (c) Modify any term or condition of this Contract.	As Required	CO					L					
H.07.01(e)	Contractor and DOE will agree within sixty (60) days after execution of this Contract extension to the appropriate reporting level at which the project controls system shall be predicated (the Reporting Level).	17-Mar-01	AMIC		S	S	L				S		

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H.07.01c	The Contractor shall provide the Contracting Officer with a detailed written description of the proposed project control system for review and approval within thirty (30) days after award of the Contract	17-Feb-01	AMIC			S	L				S		
H.07.02.(c)	Ensure Estimating Methodologies comply with DOE O 430.1A (DOE Action)	17-May-01	AMIC	S	S	S	L	S			S		
H.07.02(d)(2)(p1)	A Risk Management Plan shall be developed that identifies the various internal and external risks to achieving the Baseline.	15-Apr-01	AMIC	S	S	S	L						
H.07.02(d)(2)(p2)	The Risk Management Plan will include alternatives to impacts, select and definitize alternatives, including cost and implementation schedules for each alternative, and provide for routine reporting and updating of the Plan at least quarterly.	15-Apr-01	AMIC	S	S	S	L						
H.07.02(e)	Verify Cost Account Integration, Approve use of Project Contingency (as required), Verify Total Value of Accounts, Understand how CHG system controls/measures (ALL DOE Action)	18-May-01	AMIC				L	S			S		
H.07.03(c)(3)	Resolve conflict (DOE Action)	As Required	CO					L					S
H.07.03.(b)(1)	Verify adequacy of accounting system (DOE Action)	As Required	BMA					S			L		
H.07.03.(b)(2)	Verify cost collection (DOE Action)	Monthly	AMIC				L	S			S		
H.07.03.(c)(2)	Obligate all funds available annually (DOE Action)	Monthly 02	BMA					S			L		
H.07.03(c)(2)(p2)	By July 31st of each year, the Contractor shall submit a comprehensive analysis of total project status and cost elements of the baseline and projected allocations to WBS elements for the upcoming fiscal year.	Annually on 7-31	BMA				S				L		
H.07.03(d)	Verify performance analysis techniques; Evaluate variances and impacts; Re-evaluate risk management plan; Verify contractor review of EAC (All DOE Actions)	18-May-01	AMIC	S	S	S	L	S	S	S	S	S	S
H.07.03 (e)(1)	Contractor shall submit periodic plans and reports, with specific forms provided by Contracting Officer	As Required	CO	S	S	S	S	L	S	S	S	S	S
H.07.03(e)(2)	Verify reporting system meets contract requirements (DOE Action)	As Required	AMIC	S	S	S	S	L	S	S	S	S	S
H.07.04(b)	Maintain cognizance of baseline to ensure integrity (DOE Action)	As Required	AMIC				L	S			S		
H.07.04(d)	Establish change control time frames	18-May-01	AMIC	S	S	S	L	S	S	S			S
H.07.04(e)	An update to the baseline will be submitted consistent with provisions of Section C, Statement of Work.	15-May-01	AMIC	S	S	S	L		S		S		
H.07.04(f)	The Contractor shall have the right to implement the revised baseline subject to adjustments agreed between the parties	15-May-01	AMIC	S	S	S	L				S		
H.07.04c(p1)	The change control system shall track, manage, and provide for approval of changes in funding level as an integrated part of the overall change control process.	08-Jun-01	AMIC	S	S	S	L				S		
H.08(a)	The Contractor shall submit a Small Business Subcontracting Plan for fiscal year (FY) 2001, and shall submit a revision to the plan within thirty (30) days of the beginning of each subsequent FY of the contract period.	Annually on 11-1	CO					L					S
H.09	Subcontracts - Establish consent thresholds; Approve Subcontracts as required; Evaluate success in meeting outsourcing goal (DOE Actions)	Annually	CO					L					

Contractor Deliverables/Requirements and DOE Contract Mgmt Actions

Clause #	Requirement	Due Date	DOE Lead*	AMPD	AMSR	AMO	AMIC	CO	AMSQ	OSR	BMA	OCC	ORP MGR
H.09(c)(p3)	The identification of core competencies shall be submitted to the Contracting Officer within ninety (90) days of execution of this Contract	17-Apr-01	CO	S	S	S		L	S		S		
H.10	Withdraw work as necessary for the reasons listed in clause (DOE Action)	As Required	CO	S	S	S	S	L	S	S	S	S	S
H.11	Transfer and assign to this contract existing or future DOE prime contracts supporting River Protection Project work. (DOE Action)	As Required	CO	S	S	S	S	L	S	S	S	S	S
H.12	Request approval of assignment	As Required	CO	S	S	S	S	L	S	S	S	S	S
H.13(p2)	Legal Management Plan - The Contractor is authorized to continue operating under its DOE approved Litigation Management Plan, until the proposed rule becomes final and the new Legal Management Plan is approved.	As Required	OCC									L	
H.15	Direct contractor during emergency (DOE Action)	As Required	ORP MGR										L
H.16	Direct shutdown or initiation of emergency response due to imminent hazard (DOE Action)	As Required	AMSQ	S		S	S	S	L	S			S
H.17	Verify compliance for payment of Performance Bonds and Payment Bonds (DOE Action)	During BMOP Review	CO					L			S		
H.18 (a)	Update travel expense ceiling limitation (DOE Action)	During BMOP Review	BMA					S			L		
H.18(b)	Verify compliance with travel cost exemptions (DOE Action)	During BMOP Review	BMA					S			L		
H.21	Verify allowable corporate home office costs/allocations (DOE Action)	As Required	BMA					S			L		
H.22(b)	Demonstrate to the CO that Earned Value Management System meets the guideline referenced in paragraph (a) of this clause. (ANSI/EIA-748 Standard.)	31-Aug-01	AMIC				L						
H.23	Verify financial management system meets contract requirements and approve any changes (DOE Action)	As Required	BMA					S			L		
H.24	Verify Engineering Standards, Design Criteria, and Construction Standards meet contract requirements (DOE Action)	As Required	AMPD	L	S	S	S	S					
H.25	Verify contractor compliance with TPA and Consent Decree (DOE Action)	As Required	OCC	S	S	S	S	S	S	S	S	L	
H.26(f)(p1)	The Contractor shall provide DOE copies of environmental permits, authorizations, and regulatory approvals issued to the Contractor by the regulatory agencies	30-Sep-01	AMSQ	S	S	S			L				
H.27	Contractor deliverables for external regulators or agencies will be provided to DOE at least 1 month prior to due date with comments provided by DOE within 10 days.	As Required	CO	S	S	S	S	L	S	S	S	S	
H.28(p2)	The Contractor shall submit the information required by Paragraph b. of Section I Clause entitled "Hazardous Material Identification and Material Safety Data."	30-Sep-02	AMSQ						L				
H.30(p1)	The Contractor shall develop and implement a company specific Quality Assurance Program (QAP) and submit to ORP for review and approval within one hundred eighty (180) days of contract execution.	15-Jul-01	AMSQ	S	S	S			L				

Contractor Deliverables/Requirements and DOE Contract Mgmt Actions

Clause #	Requirement	Due Date	DOE Lead*	AMPD	AMSR	AMO	AMIC	CO	AMSQ	OSR	BMA	OCC	ORP MGR
H.30(p2)	The Contractor shall determine within 180 days of Contract execution (subject to ORP approval), if a Sampling and Analytical QA standard is applicable.	15-Jul-01	AMSQ	S	S	S			L				
H.31	Verify contractor compliance with evaluating subcontractor Environmental, Safety, Quality, and Health Program (DOE Action)	As Required	AMSQ						L				
H.32	Contractor shall promptly advise the Contracting Officer of any labor relations developments that involve the specified criteria in contract	As Required	CO	S	S	S	S	L			S		
H.33	Request approval for total annual compensation paid to Key Personnel	As Required	CO					L			S		
H.34	Contractor shall provide information to assist DOE in determining the appropriate labor standards in accordance with the Davis-Bacon Act	As Required	CO					L			S		
H.35	Contracting Officer shall obtain revised wage determination from U.S. Department of Labor and modify contract accordingly	As Required	CO					L					
H.36	Make available for inspection all contractor bid and proposal records showing rates and amounts for computing wages subject to Hanford Site Stabilization Agreement.	As Required	CO					L			S		
H.37(b)	Submit to DOE for transmittal to the L&I, such payroll records as are required by the statutes.	Annually on 4-30	BMA								L		
H.37(c)	Submit to DOE or designate party the accident reports required by RCW Title 51, Sections 51.28.010.	30-Sep-01	AMSQ	S	S	S			L		S		
H.37(e)	The Contractor shall be responsible for making all payments and submitting all reports required by RCW Title 51, Section 51.32.073	Annually on 4-30	BMA								L		
H.38	Contractor shall develop, plan, coordinate dissemination of information regarding DOE unclassified activities for public use	As Required	CO					L	S			S	
H.42	Request DOE approval for any lease or transfer of DOE property	As Required	CO					L			S		
H.43	Contractor shall set aside at least 5% of earned fee to share with employees and this shall be described in procedures	As Required	CO					L			S		
JB.02	Contractor's corporate-wide policies consistently and uniformly applied throughout the corporations domestic operations will be summarized and submitted in the form of a Personnel Policies Manual applicable to this contract.	As Required	BMA								L		
JB.03(d)	Alternative work weeks may be established with the approval of the Contracting Officer. Submit all Proposed Alternative work weeks to the Contracting Officer for approval by April 1, 2001.	Annually on 4-1	BMA								L		
JB.04(a)(1)(p1)	Prior to each salary program year the contractor will develop and justify, in a manner prescribed by the Contracting Officer, a Compensation Increase Plan for exempt employees and one for non-exempt employees.	Annually on 5-15	BMA					S			L		
JB.04(a)(1)(p4)	The contractor shall provide a copy of the annually developed salary guidelines prepared for supervisors use.	Annually on 8-1	BMA								L		
JB.04(a)(2)	The base annual salary costs for employees of the Contractor designated as Key Personnel are reimbursable only to the extent each such salary has been approved on DOE Form 3220.5, Application for Contractor Compensation Approval.	01-Oct-02	BMA								L		

Contractor Deliverables/Requirements and DOE Contract Mgmt Actions

Clause #	Requirement	Due Date	DOE Lead*	AMPD	AMSR	AMO	AMIC	CO	AMSQ	OSR	BMA	OCC	ORP MGR
JB.04(a)(4)	The contractor shall separate salary structures containing position grades, classifications, and salary ranges for exempt / non-exempt, non-bargaining unit employees and shall be submitted to the CO in advance of costs.	As Required	BMA								L		
JB.04(a)(4)	The Salary Structures shall be submitted to the Contracting Officer for review and approval in advance of incurrence of costs and no later than January 31, 2001.	As Required	BMA								L		
JB.04(a)(5)(p1)	The contractor shall submit to the CO for approval an annual Overtime Control Plan that includes (1) An OT premium fund, (2) Controls for OT for nonexempt employees, and (3) Evaluation of alternatives to the use of OT.	Annually on 1-31	BMA								L		
JB.04(a)(5)(p4)	Submit for approval any additional premium funds or plan changes based on mission requirements.	Annually on 1-31	BMA								L		
JB.04(a)(6)	The Compensation Program shall contain provisions for any established premium payments to employees, such as overtime, shift differential and special qualification or certification pay.	Annually on 1-31	BMA								L		
JB.04(b)(1)(p1)	The initial terms and conditions of Non-Statutory Employee Benefit Plans as related to work under this contract shall be submitted to and approved by the Contracting Officer.	As Required	BMA								L		
JB.04(b)(2)(i)	The initial policy and any changes thereto which increase costs, require Contracting Officer approval. (Relative to Separation Pay).	As Required	BMA								L		
JB.04(b)(3)	The contractor will provide a copy of FAS 106 Valuation to DOE (Relative to benefit plans).	Annually	BMA								L		
JB.04(c)(2)(ii)(A)	Provide to DOE annual Accounting Reports and Actuarial valuations (relative to Pension Plans).	Annually	BMA								L		
JB.04(c)(2)(ii)(B)	Provide to DOE copies of DOL Form 5500 with schedules and attachments (relative to Pension Plans).	Annually	BMA								L		
JB.04(c)(2)(ii)(c)	Provide to DOE annual Financial Accounting Standards Board (FASB) Statement 87 Report (relative to Pension Plans).	Annually	BMA								L		
JB.04(d)(2)	The contractor will provide DOE with annual accounting reports within seven months after the close of a Group Savings Plan year.	Annually	BMA								L		
JB.04(d)(2)(p2)	The contractor will provide DOE a copy of IRS Form 5500 each year when prepared by the contractor.	Annually on 6-1	BMA								L		
JB.04(p1)	The Contractor shall submit its Compensation Program applicable to work under this Contract to the Contracting Officer for initial approval by April 1, 2001.	As Required	BMA								L		
JC(p2)	Upon approval of an S/RID, that set of requirements is the ES&H directive/requirements set applicable to the facility, work/activity or project and supersedes the ES&H directives included in this list of directives (refer to current revision of S/RID).	As Required	AMSQ	S	S	S	S		L		S		
JE.01(a)	The Contractor shall provide ISMS Plan.	30-Sep-02	AMSQ	S	S	S			L				
JE.01(d)	The Contractor shall provide an annual Internal Audit Plan.	Annually on 6-15	BMA		S		S		S		L		
JE.01(b)	The Contractor shall provide a Systems Engineering Management Plan.	As Required	AMO			L							
JE.01(c)	The Contractor shall provide a Risk Management Plan.	15-Apr-01	AMIC	S	S	S	L						

Contractor Deliverables/Requirements and DOE Contract Mgmt Actions

Clause #	Requirement	Due Date	DOE Lead*	AMPD	AMSR	AMO	AMIC	CO	AMSQ	OSR	BMA	OCC	ORP MGR
JF.01	Respond to the most recent Unicaill Submittal, incorporate budget decisions, and include any new information for the upcoming execution year; ES&H Plan For Budget Execution Year.	Annually on 5-10	BMA								L		
JF.02	Provide a summary of the previous years ES&H performance, including the actual cost of implementing ES&H activities.	30-Nov-02	AMSQ	S	S	S			L		S		
PI.ERP-01.1a)	AY tank farm upgrades for Pit AY-02A and line SN-633 backfill and new SY tank farm annulus ventilation exhausters.	30-Sep-01	AMPD	L									
PI.ERP-01.1b)	AW tank farm upgrades: definitive design, Pit AW-B construction requires open pit, new cover block install, remove cover blocks from Pit AW-A, complete fab of nozzle seals, drain plugs, valve handles and actuators, and pour new cover blocks.	30-Sep-01	AMPD	L									
PI.ERP-01.1c)	AZ tank farm upgrades: for Pit AZ-01A, Pit AZ-02A and backfill of Lines SN-631, SN-632, and DR-100	30-Sep-01	AMPD	L									
PI.ERP-01.2a)	Complete Installation of the Master Pump Shutdown System.	30-Sep-02	AMPD	L									
PI.ERP-01.2b)	200 East Waste Transfer System upgrades: new AZ valve pit, lines SNL-3150 and SLL-3160 ATP (pressure boundary testing) lines SN-630, SN-634, SN-636, and SN-637 ATPs (pressure boundary testing).	30-Sep-02	AMPD	L									
PI.ERP-01.3	Complete AW/AZ/AY Transfer System Phase 1 Upgrades and AN Tank Farm Upgrades (Phase 1 and 2).	30-Sep-03	AMPD	L									
PI.ERP-01.4	Complete SY Tank Farm Upgrades.	30-Sep-04	AMPD	L									
PI.ERP-01.5	Complete Project W-314 baseline scope and submit project construction completion document.	30-Jun-05	AMPD	L									
PI.ERP-01.6	Complete Project Cost Closure (4CS) document	30-Mar-06	AMPD	L									
PI.ERP-02.1	Complete AZ-101 Title II design; detail design of transfer pump, piping jumpers, and supporting equipment that will work in conjunction with the existing AZ-101 mixer pumps to deliver feed to the future processing plant.	30-Sep-01	AMPD	L									
PI.ERP-02.1.3S.B	Submit to ERP a topical report defining basis for removal of tank 241-SY-101 from Flammable Gas Watch List	15-Nov-00	AMSQ			S			L				
PI.ERP-02.1.3S.C	Complete construction, testing, and place system in service.	30-Sep-01	AMPD	L		S							
PI.ERP-02.2	Complete TFC/WTP Title II design; four transfer lines from the proposed location of new AP valve pit interface point to the Waste Treatment Plant property line (interface point).	30-Sep-01	AMPD	L									
PI.ERP-02.3	Complete W-211 const of new AP-271 annex and existing AP-271 building mods (W-211-AP24-C2 package), the AZ-156 control building mods (W-211-AN5-C2 package), and new AN caustic supply system (W-211-AN5-C3 package).	16-May-01	AMPD	L									
PI.ERP-02.4	Complete AZ-101 retrieval system procurement and construction.	30-Sep-04	AMPD	L									
PI.ERP-02.5	Complete AN-101 retrieval system design, procurement and construction.	30-Sep-05	AMPD	L									
PI.ERP-02.6	Complete Construction/Procurement for AP Farm to Waste Treatment Plant transfer system, including pit modifications and new transfer line.	30-Sep-06	AMPD	L									
PI.ERP-03.1	Issue Project W-464 Project Execution Plan (PEP) and Design Requirements Document (DRD) and award contract for Preliminary Design for W-464.	02-Jul-01	AMSR	S	L								

Contractor Deliverables/Requirements and DOE Contract Mgmt Actions

Clause #	Requirement	Due Date	DOE Lead*	AMPD	AMSR	AMO	AMIC	CO	AMSQ	OSR	BMA	OCC	ORP MGR
PI.ERP-03.2	Submit Project W-464 Part B Application, Rev.0, to ORP in support of TPA Milestone M-20-056.	30-May-02	AMSR	S	L								
PI.ERP-03.3	Submit Project W-464 Canister Storage Building Final Safety Analysis Report markup Preliminary Safety Analysis Report and Safety Analysis Report for Packaging to ORP for approval.	30-Sep-02	AMSR	S	L								
PI.ERP-03.4	Complete Project W-464 Design.	31-Jul-04	AMPD	L									
PI.ERP-03.5	Design of Shielded Canister Transporter completed.	31-Dec-05	AMPD	L									
PI.ERP-03.6	Complete construction of CSB annex except for CSB wall breaching.	30-Sep-06	AMPD	L									
PI.ERP-04.01	Issue a draft FY 2001 Performance Assessment for review by DOE-HQ.	29-Mar-01	AMSR		L								
PI.ERP-04.02	Complete the Conceptual Design Report for Project W-520.	31-May-01	AMPD	L									
PI.ERP-04.03	Obtain Borehole Number 2 samples and issue a summary report on the samples.	27-Sep-01	AMSR		L								
PI.ERP-04.04	Submit Project W-520 Part B Application, Rev.0, to ORP in support of TPA Milestone M-20-057.	31-Jul-02	AMSQ	S					L				
PI.ERP-04.05	Issue Project W-520 Execution Plan.	30-Sep-02	AMSR	S	L								
PI.ERP-04.06	Submit a recommendation to ORP for preferred concept and contractor scope of work for transportation and disposal of IHLW and ILAW samples and failed High Level and Low Activity melters.	31-Dec-03	AMSR		L								
PI.ERP-04.07	Complete Project W-520 design (TPA Milestone M-90-09-T01).	28-Feb-05	AMPD	L									
PI.ERP-04.08	Submit Project W-520 Preliminary PSAR and SARP to ORP for approval.	31-Mar-05	AMPD	L					S				
PI.ERP-04.09	Issue a draft FY 2005 Performance Assessment update for review by DOE-HQ.	31-Mar-05	AMSR		L								
PI.ERP-04.10	Start Construction of Project W-520 (TPA Milestone M-90-08).	28-Feb-06	AMPD	L									
PI.ERP-05.1	Complete Interim Stabilization of four tanks.	30-Sep-01	AMO			L							
PI.ERP-05.2a)	Initiate pumping of tank A-101.	12-Feb-01	AMO			L							
PI.ERP-05.2b)	Initiate pumping of tank AX-101.	30-Mar-01	AMO			L							
PI.ERP-05.3	Complete initiation of pumping of all Single-Shell Tanks (except tank C-103) listed in the Consent Decree no. CT-99-5076-EFS.	30-Sep-02	AMO			L							
PI.ERP-05.4	Complete pumping requirements to remove sufficient liquid from SSTs so that 18% or less of pumpable liquid is remaining	30-Sep-02	AMO			L							
PI.ERP-05.5	Complete Interim Stabilization of all SSTs (except tank C-103) listed in the Consent Decree no. CT-99-5076-EFS.	30-Sep-03	AMO			L							
PI.ERP-05.6	Complete Interim Isolation of remaining SSTs in accordance with the Project Plan (HNF-2358).	30-Sep-04	AMO			L							
PI.ERP-06.1	Install Transfer pump into tank AP-101.	30-Sep-04	AMPD	L	S	S							
PI.ERP-06.2	Obtain waste treatment plant certification samples of AZ-101.	30-Sep-05	AMPD	L	S	S							
PI.ERP-06.3	Obtain waste treatment plant certification samples of AP-101.	30-Sep-05	AMPD	L	S	S							
PI.ERP-06.4	Complete AP-101 Transfer system preparations and Integrated testing. Complete CHG Startup Checklist for transfer of Tank Waste to the Waste Treatment Plant.	30-Sep-05	AMPD	L	S	S							
PI.ERP-06.5	Complete AN-101 transfer system preparation and operational testing. Complete CHG startup checklist for transfer of waste.	30-Sep-06	AMPD	L	S	S							

Contractor Deliverables/Requirements and DOE Contract Mgmt Actions

Clause #	Requirement	Due Date	DOE Lead*	AMPD	AMSR	AMO	AMIC	CO	AMSQ	OSR	BMA	OCC	ORP MGR
PI.ORB-06.6	Complete AZ-101 Transfer system preparations and Integrated testing. Complete CHG Startup Checklist for transfer of Tank Waste to the Waste Treatment Plant.	30-Sep-06	AMPD	L	S	S							
PI.ORB-07.1	Acquire Cold Test, Training, and Mock-up Facility (CTTMF) and initiate testing in facility. CTTMF must incorporate features that support identified near term needs of SST Program.	30-Jun-02	AMSR		L								
PI.ORB-07.2	Complete and submit to ORP the Conceptual Design Report (CDR) for C-104 Retrieval.	28-Sep-01	AMSR		L								
PI.ORB-07.3	Complete draft Functions and Requirements (F&R) document for tank C-104, and submit to ORP; detailed SST target retrieval specification, LDMM spec, both based on environmental risk/cost and retrieval / leak loss. Instrumentation and operational experience.	30-Apr-01	AMSR		L								
PI.ORB-07.4	Complete C-104 sludge/hard heel, confined sluicing and robotic technologies, waste retrieval cold demonstration. Must satisfy TPA-M-45-03G.	30-Apr-04	AMSR		L								
PI.ORB-07.5	Complete C-104 sludge/hard heel, confined sluicing and robotic technologies, waste retrieval design (to include physical systems including design and operating strategies necessary for LDMM).	30-Jul-04	AMSR		L								
PI.ORB-07.6	Complete C-104 sludge/hard heel, confined sluicing and robotic technologies, waste retrieval construction (to include physical systems including those necessary for LDMM).	30-Jul-06	AMSR		L								
PI.ORB-08.01	Establish acceptance criteria for transferring 242-T evaporator for Deactivation and Demolition (D&D).	30-Oct-02	AMO			L							
PI.ORB-08.02	Complete the interim stabilization of 244-AR vault in accordance with M-45-11A.	30-Sep-03	AMO			L							
PI.ORB-08.03	Complete the interim stabilization of 244-CR Vault per RPP-6029 Rev 0.	30-Sep-04	AMO			L							
PI.ORB-08.04	Perform all work defined in acceptance criteria for turnover of 242-T evaporator to the D&D contractor.	30-Sep-05	AMO			L							
PI.ORB-08.12S.A	Complete construction of 62.5 MVA electrical substation and 230KV transmission lines to supply power to the Waste Treatment Contractor facilities targeted for completion.	31-Aug-01	AMO			L							
PI.ORB-08.12S.B	Complete construction of piping from the Vittrification Facility to the Liquid Effluent Treatment System (LETS) targeted for completion.	31-Aug-01	AMO			L							
PI.ORB-08.12S.C	Complete project closeout activities.	31-Aug-01	AMO			L							
PI.ORB-09.1	Implement and commence execution of the Reliability Centered Maintenance (RCM) program for DST Farms.	30-Sep-01	AMO			L							
PI.ORB-09.2	Condition assessment evaluations for four tank farms – AW, AP, AY and SY. Scope includes updating present condition assessment.	28-Feb-02	AMO			L							
PI.ORB-09.3	Expand the RCM program developed in FY 2001 to encompass DST ventilation systems. The expanded program will be operational.	30-Sep-03	AMO			L							
PI.ORB-09.4	Implement pilot predictive maintenance program for DST ventilation systems.	30-Jun-03	AMO			L							
PI.ORB-09.5	Update Master Equipment List and provide an Operations and Maintenance (O&M) strategy for Tank Farm operations through 2018.	31-Dec-04	AMO			L							
PI.ORB-09.6	Accomplish C Farm upgrades to support retrieval of C-104.	30-Jul-06	AMO			L							

* All DOE Actions are concurrence.

Contractor Deliverables/Requirements and DOE Contract Mgmt Actions

Clause #	Requirement	Due Date	DOE Lead*	AMPD	AMSR	AMO	AMIC	CO	AMSQ	OSR	BMA	OCC	ORP MGR
PI. ORP-09.7	Complete LCAM Baseline Assessments 5 Year update.	30-Jun-06	AMO			L							
PI. ORP-10.1a)	Submit a written report to ORP which meets the requirements of Section 5 of the Washington Administrative Orders.	16-Nov-00	AMO			L							
PI. ORP-10.1b)	Submit a written report to ORP which meets the requirements of Section 6 of the Washington Administrative Orders.	18-Jun-01	AMO			L							
PI. ORP-10.1c)	Submit a written report to ORP which meets the requirements of Section 7 of the Washington Administrative Orders.	30-Aug-01	AMO			L							
PI. ORP-10.2	Submit a project plan to ORP that includes the deliverables required and defined by the above Administrative Orders.	30-Nov-00	AMO			L							
PI. ORP-10.3a)	Submit a written report to ORP, which meets the requirements of Section 8 of the Administrative Order, documenting results of ultrasonic testing of the primary tank walls in four DSTs not previously examined by ultrasonic testing. Forfeit fee if not met.	30-Aug-02	AMO			L							
PI. ORP-10.3b)	Submit a written report to ORP, which meets the requirements of Section 9 of the Administrative Order, documenting results of ultrasonic testing of the primary tank walls in four DSTs not previously examined by ultrasonic testing. Forfeit fee if not met.	30-Aug-03	AMO			L							
PI. ORP-10.3c)	Submit a written report to ORP, which meets the requirements of Section 10 of the Administrative Order, documenting results of ultrasonic testing of the primary tank walls in four DSTs not previously examined by ultrasonic testing. Forfeit fee if not met.	30-Aug-04	AMO			L							
PI. ORP-10.3d)	Submit a written report to ORP, which meets the requirements of Section 11 of the Administrative Order, documenting results of ultrasonic testing of the primary tank walls in four DSTs not previously examined by ultrasonic testing. Forfeit fee if not met.	30-Aug-05	AMO			L							
PI. ORP-10.3e)	Submit report to ORP, which meets 2 of 6 of the requirements of Section 13 of the Administrative Order, documenting results of ultrasonic testing of the primary tank walls in two DSTs previously examined by ultrasonic testing. Forfeit fee if not met.	30-Aug-06	AMO			L							
PI. ORP-10.3f)	Submit Integrity Assessment report for the DST system to ORP, which meets the requirements of Section 12 of the Administrative Order. Forfeit fee if not met.	28-Feb-06	AMO			L							
PI. ORP-11.1	Preparation and issuance of engineering evaluations, studies and reports, and design of the required upgrades identified in HNF-3327, Rev 0., "242-A Evaporator Life Extension Study," to ensure the continued availability of the Evaporator.	30-Sep-03	AMO			L							
PI. ORP-11.2	Complete Construction and acceptance testing of the upgrades.	30-Sep-05	AMO			L							
PI. ORP-12.1	Perform the following tank waste samples; 10 Core Samples, 14 Grab Samples, and 6 Type IV Vapor Samples.	30-Sep-01	AMO			L							
PI. ORP-12.2	Complete Laboratory Analysis Reports (LARs) for the following tank waste samples; 2 LARs Based on Core Samples, 12 LARs Based on Grab Samples, and 6 LARs Based on Vapor Samples	30-Sep-01	AMO			L							
PI. ORP-12.3(b1)	Complete the Draft FY 2002 Technical Sampling Basis – Waste Information Requirements Documents (TSB-WIRD).	15-Jun-01	AMO			L							
PI. ORP-12.3(b2)	Complete the Final FY 2002 Technical Sampling Basis – Waste Information Requirements Documents (TSB-WIRD)	20-Aug-01	AMO			L							

Contractor Deliverables/Requirements and DOE Contract Mgmt Actions

Clause #	Requirement	Due Date	DOE Lead*	AMPD	AMSR	AMO	AMIC	CO	AMSQ	OSR	BMA	OCC	ORP MGR
PI. ORP-12.4(b1)	Complete 12 Tank Characterization Reports (TCRs).	20-Sep-01	AMO			L							
PI. ORP-12.4(b2)	Complete all deliverables defined in the FY01 TSB-WIRD.	30-Sep-01	AMO			L							
PI. ORP-12.4(b4)	Complete inputting the LAR Characterization Data into the electronic database within 7 days of LAR publication.	30-Sep-01	AMO			L							
PI. ORP-13.01	Complete and submit to ORP a draft update to the Single Shell Tank (SST) Closure Work Plan	30-Aug-01	AMSR		L								
PI. ORP-13.02	Complete and submit to ORP the Options Report for identifying and assessing actions necessary to increase compliant tank space to retrieve SST waste as prescribed in M-45-12-T01. Draft will precede by 15 calendar days.	15-Apr-01	AMSR		L								
PI. ORP-13.03a)	Decommission unneeded water lines in Waste Management Area (WMA) S-SX that are currently active and potentially leaking water to the surrounding soil.	30-Aug-01	AMSR		L								
PI. ORP-13.03b)	Construct surface barriers or diversions to prevent run-on of water, at WMA U.	30-Aug-01	AMSR		L								
PI. ORP-13.04	Complete soil sampling in two characterization boreholes per approved work plan in WMA B-BX-BY.	30-Aug-01	AMSR		L								
PI. ORP-13.05a)	Issue to ORP the T/TX-TY site-specific work plan addendum for submittal to the Washington State Department of Ecology.	22-Mar-01	AMSR		L								
PI. ORP-13.05b)	Complete borehole sampling at WMAs T/TX-TY in accordance with the T/TX-TY site-specific work plan addendum submitted for M-45-54.	30-Sep-02	AMSR		L								
PI. ORP-13.06	Submit to ORP for review and comment the Field Investigation Report (FIR) for WMA B-BX-BY to support M-45-55-T02.	15-Dec-02	AMSR		L								
PI. ORP-13.07	Submit to ORP an update to the SST Closure Work Plan. This work plan will incorporate Ecology comments that were provided on the FY 2001 draft update to the SST Closure Work Plan and incorporate elements of TPA M-45-06-T05.	15-Apr-02	AMSR		L								
PI. ORP-13.08	Submit to ORP for review and comment an FIR for WMA T/TX-TY to support M-45-55-T03.	15-May-03	AMSR		L								
PI. ORP-13.09	Submit to ORP for review and approval a Phase 1 RFI Report integrating results of data gathering activities and evaluations for WMAs S-SX, T/TX-TY, and B-BX-BY to support TPA M-45-55.	15-Jan-04	AMSR		L								
PI. ORP-13.10	Complete and submit to ORP a draft update to the SST Closure Work Plan. This work plan will incorporate updates to Vadose Zone data and incorporate elements of TPA M-45-06-T06.	30-May-04	AMSR		L								
PI. ORP-13.11	Submit to ORP a draft update to the SST Closure Work Plan. Will incorporate elements of TPA M-45-06-T07.	30-May-06	AMSR		L								
PI. ORP-14.1	Complete contractor approved Functions and Requirements (F&R) document for tank S-102 and submit to ORP; TPA M-45-05-T16.	31-Aug-02	AMSR		L								
PI. ORP-14.2	Award procurement subcontract(s) for equipment and/or systems that will be utilized in the retrieval of the contents of SST for tank S-102.	30-Sep-03	AMSR		L								
PI. ORP-14.3	Complete tank S-102 retrieval project design, to include physical systems including design and operating strategies necessary for LDMM. Design shall be submitted to ORP approved by the contractor meeting requirements of TPA M-45-05B.	31-Jan-04	AMSR		L								

Contractor Deliverables/Requirements and DOE Contract Mgmt Actions

Clause #	Requirement	Due Date	DOE Lead*	AMPD	AMSR	AMO	AMIC	CO	AMSQ	OSR	BMA	OCC	ORP MGR
PI.ORB-14.4	Complete tank S-102 initial waste retrieval project construction to include physical systems including those necessary for leak detection and monitoring and mitigation. Must meet requirements of TPA M-45-05C.	30-Sep-05	AMSR		L								
PI.ORB-14.5	Complete initial waste retrieval from Tank S-102 per TPA M-45-05A. Completion subject to safe storage space availability consistent with TPA M-45-00B.	31-Jul-06	AMSR		L								
PI.ORB-15.1(b01a)	Modify the Tank Farm Contractor (TFC) RPP baseline consistent with contract extension.	15-May-01	ORP MGR	S	S	S	S	S	S		S		L
PI.ORB-15.1(b01b)	Provide the supporting TFC baseline package to ORP each year by March 1 fully integrated with the WTP contractor and supporting other Hanford contractors' baseline packages.	01-Mar-02	ORP MGR	S	S	S	S	S	S		S		L
PI.ORB-15.1(b01c)	Modify the Tank Farm Contractor (TFC) RPP baseline consistent with WTP contract.	01-Sep-01	ORP MGR	S	S	S	S	S	S		S		L
PI.ORB-15.1(b07)	By December 15 of each year CHG will provide to ORP the appropriate allocation of funds for the next fiscal year by PBS and by line item.	15-Dec-01	ORP MGR	S	S	S	S	S	S		S		L
PI.ORB-15.1(FY01)	Baseline Management	15-Dec-01	ORP MGR	S	S	S	S	S	S		S		L
PI.ORB-15.2(FY01)	Quality Assurance	15-Dec-01	ORP MGR	S	S	S	S	S	S		S		L
PI.ORB-15.2(FY01)	Technical Foundation	15-Dec-01	ORP MGR	S	S	S	S	S	S		S		L
PI.ORB-15.3(FY01)	Conduct of Engineering Program	15-Dec-01	ORP MGR	S	S	S	S	S	S		S		L
PI.ORB-15.4 (FY01)	Conduct of Operations	15-Dec-01	ORP MGR	S	S	S	S	S	S		S		L
PI.ORB-15.5 (FY01)	Engineering Excellence-Tank Farm Operations	15-Dec-01	ORP MGR	S	S	S	S	S	S		S		L
PI.ORB-15.1(FY02)	Baseline Management	15-Dec-02	ORP MGR	S	S	S	S	S	S		S		L
PI.ORB-15.2(FY02)	Safety Basis Implementation	15-Dec-02	ORP MGR	S	S	S	S	S	S		S		L
PI.ORB-15.3 (FY02)	Engineering Excellence-Tank Farm Operations	15-Dec-02	ORP MGR	S	S	S	S	S	S		S		L
PI.ORB-15.4 (FY02)	Quality Assurance	15-Dec-02	ORP MGR	S	S	S	S	S	S		S		L
PI.ORB-16.3(p1)	CHG shall submit a detailed transition plan (CHG to new WTP contractor transition) in draft by December 1, 2000, and shall work with DOE to obtain concurrence on this transition plan prior to January 15, 2001.	15-Jan-01	AMPD	L									
PI.ORB-16.3(p2)	CHG shall complete the transition activities in accordance with the transition plan.	15-Jan-01	AMPD	L									
PI.ORB-17.01	Complete Evaporator Condenser Replacement. (BCWS \$1200K)	30-Sep-06	AMO			L							
PI.ORB-17.02	Complete Deactivation of 702-A. (BCWS \$737K)	30-Sep-06	AMO			L							

Contractor Deliverables/Requirements and DOE Contract Mgmt Actions

Clause #	Requirement	Due Date	DOE Lead*	AMPD	AMSR	AMO	AMIC	CO	AMSQ	OSR	BMA	OCC	ORP MGR
PI.ORB-17.03	Complete Resolve Single-Shell Tank (SST) Domeload Conservatism. (BCWS \$462K)	30-Sep-06	AMO			L							
PI.ORB-17.04	Complete Standard Hydrogen Monitoring System (SHMS), remove and isolate. (BCWS \$248.4K)	30-Sep-06	AMO			L							
PI.ORB-17.05	Complete Information Resource Management (IRM) Integrated Data Management System Pilot. (BCWS \$390K).	30-Sep-06	AMO			L							
PI.ORB-17.06	Complete Inactive S/SX Work. (BCWS \$246K)	30-Sep-06	AMO			L							
PI.ORB-17.07	Complete 16 TMACS Connections. (BCWS \$727.3K)	30-Sep-06	AMO			L							
PI.ORB-17.08	Complete CASS to TMACS for six locations. (BCWS \$307.6K)	30-Sep-06	AMO			L							
PI.ORB-17.09	Reduce Contamination Zones in SST Farms by 400,000 sq. meters. (BCWS \$1,183K)	30-Sep-06	AMO			L							
PI.ORB-17.10	Complete ENRAF - Liquid Level Gauge Upgrades. (BCWS \$267K)	30-Sep-06	AMO			L							
PI.ORB-17.11	Complete Drawing Upgrades. (BCWS \$797K)	30-Sep-06	AMO			L							
PI.ORB-17.12	Complete installation of Raw Water Totalizers. (BCWS \$109K)	30-Sep-06	AMO			L							
PI.ORB-17.14	Complete Electrical Circuit Verification Elementary Drawings. (BCWS \$513K)	30-Sep-06	AMO			L							
PI.ORB-17.15	Complete Liquid detection monitoring and mitigation (LDMM) Technology Assessment Comparison Report. (BCWS \$100K)	30-Sep-06	AMO			L							
PI.ORB-18.1	Complete 20 percent physical progress of construction of the Project W-520 Immobilized Low Activity Waste (ILAW) Disposal Facility.	30-Sep-05	AMPD	L									
PI.ORB-18.2	Complete 80 percent physical progress of construction of the Project W-520 ILAW Disposal Facility.	30-Sep-06	AMPD	L									
PI.ORB-19.A	Complete the addition of sufficient caustic to Tank AY-101 to bring calculated bulk hydroxide concentration within chemistry specification.	30-Sep-01	AMO			L							
PI.ORB-19.B	Complete the addition of sufficient caustic to Tank AY-102 to bring calculated bulk hydroxide concentration within chemistry specification.	30-Sep-01	AMO			L							
PI.ORB-19.C	Complete the addition of sufficient caustic to Tank AN-102 to bring calculated bulk hydroxide concentration within chemistry specification.	30-Sep-01	AMO			L							
PI.ORB-19.D	Complete the addition of sufficient caustic to Tank AN-107 to bring calculated bulk hydroxide concentration within chemistry specification	30-Sep-01	AMO			L							
PI.ORB-19.E	Restore annulus vent flow to AY-101, isolate source of water intrusion into AY-101 annulus, and perform video inspect of the annulus for AZ-102. AN-107, AN-102, and AY-102 annulus vent systems must be in operation in accordance with the existing baseline.	30-Sep-01	AMO			L							
PI.ORB-19.F	Replace tank AN-107 corrosion probe	30-Sep-01	AMO			L							
PI.ORB-19.G	Procure an Ultra Sonic Testing (UT) crawler for the Tank Integrity Assessment Project.	30-Sep-01	AMO			L							
PI.ORB-19.H	Develop a Double-Shell Tank (DST) chemistry surveillance program for corrosion protection	30-Sep-01	AMO			L							
PI.ORB-19.I	Complete verification sampling on tanks AY-101, AY-102, AN-102, and issue final report on chemistry status of tanks.	30-Sep-02	AMO			L							
PI.ORB-19.J	Deploy new and modified nondestructive examination (NDE) and cleaner crawler system in Tank AY-101	30-Nov-01	AMO			L							

* All DOE Actions are concurrence.

Contractor Deliverables/Requirements and DOE Contract Mgmt Actions

Clause #	Requirement	Due Date	DOE Lead*	AMPD	AMSR	AMO	AMIC	CO	AMSQ	OSR	BMA	OCC	ORP MGR
PI.ERP-19.K	Complete inspection of Tank AY-101 with the new/modified NDE crawler systems.	30-Jun-02	AMO			L							
PI.ERP-19.L	Complete video and radiological evaluation of tank AY-101.	01-Oct-01	AMO			L							
PI.ERP-19.M	Complete gas penetrant evaluation of potential tank wall penetration at two identified stained areas of Tank AY-101.	28-Feb-02	AMO			L							
PI.ERP-19.N	Complete video inspection of Tanks AW-101, AW-102, AW-106, AY-102, AZ-101, and AZ-102	30-Sep-01	AMO			L							
PI.ERP-19.O	Complete the addition of sufficient nitrite to Tank AY-102 to bring calculated bulk nitrite concentration within chemistry specification.	30-Nov-01	AMO			L							
PI.ERP-19.P	Complete grab sampling and analysis on Tank AZ-102	30-Dec-01	AMO			L							
PI.ERP-19.Q	Complete an air lift circulator mixing evaluation on Tank AY-102.	30-Sep-02	AMO			L							
PI.ERP-20.1	Issue final Functions and Requirements (F&R) Document for tank S-112 to ORP.	30-Nov-01	AMSR		L								
PI.ERP-20.2	Complete tank S-112 saltcake waste retrieval design (to include physical systems including design and operating strategies necessary for leak detection mitigation and monitoring (LDMM)) to meet the elements specified in M-45-03D.	31-Mar-03	AMSR		L								
PI.ERP-20.3	Complete tank S-112 saltcake waste retrieval construction (to include physical systems including design and operating strategies necessary for LDMM) to meet the elements specified in M-45-03E.	31-Jul-04	AMSR		L								
PI.ERP-20.4	Complete full-scale saltcake waste retrieval demo at S-112. Waste shall be retrieved to DST system to the limits of the technology (or technologies) selected. This product will meet the elements specified in M-45-03C.	31-Jul-05	AMSR		L								
PI.ERP-22.1	Complete 20 percent physical progress of construction of the Project W-464 modifications to the Canister Storage Building.	30-Sep-05	AMPD	L									
PI.ERP-22.2	Complete 60 percent physical progress of construction of the Project W-464 modifications to the Canister Storage Building.	30-Sep-06	AMPD	L									
PI.ERP-23.1	CHG will submit a contractor-prepared and ORP approved overall Strategy Plan for managing Double Shell Tank Farm systems for TPA Milestone M-43.	31-Jul-02	AMPD	L									
PI.ERP-23.2	CHG will submit E-525 Initial Design Report to ORP	30-Jun-03	AMPD	L									
PI.ERP-24.1	Issue a process control plan (U-107 Saltcake Dissolution Proof of Concept).	01-May-01	AMSR		L								
PI.ERP-24.2(a)	Design, procure, install, and perform an acceptance test on a system to dissolve saltcake in Tank U-107.	30-Sep-01	AMO			L							
PI.ERP-24.2(b)	Submit completion letter.	30-Oct-01	AMO			L							
PI.ERP-24.3(a)	Operate the system as specified by the process control plan; monitor results, and transfer at least 100,000 gallons of fluid from U-107 to the DST system.	30-Sep-02	AMO			L							
PI.ERP-24.3(b)	Submit completion letter.	31-Oct-02	AMO			L							
PI.ERP-24.4	Obtain a sample during the operating period and analyze to measure the physical and chemical characteristics of the process fluid.	30-Nov-02	AMO			L							
PI.ERP-24.5	Submit a saltcake dissolution summary letter report on saltcake dissolution proof of concept results on Tank U-107 to DOE. Report to include lessons learned for use in S-112 design.	31-Dec-02	AMO			L							

Contractor Deliverables/Requirements and DOE Contract Mgmt Actions

Clause #	Requirement	Due Date	DOE Lead*	AMPD	AMSR	AMO	AMIC	CO	AMSQ	OSR	BMA	OCC	ORP MGR
PI.ERP-25.1(1)	Complete construction of up-gradient surface water run-on controls at S/SX Farms.	30-Sep-01	AMO		S	L							
PI.ERP-25.1(2)	Complete leak testing the identified pressurized waterline at U Farm.	30-Sep-01	AMO		S	L							
PI.ERP-25.2	Complete construction of up-gradient surface water run-on controls at T, TX, and TY Farms.	30-Sep-01	AMO		S	L							
PI.ERP-25.3	Provide trained and qualified personnel to the MACTEC ERS gamma-logging contract for dry wells located within the SST Farms for FY 2001.	30-Sep-01	AMO		S	L							
PI.ERP-25.4	In preparation for fieldwork in C Waste Management Area, accelerate the compilation of A, AX, and C tank farms operational histories.	30-Sep-01	AMO		S	L							
PI.ERP-26.A	Complete project activities for SN-650 transfer line activation to make 241-AP-102 available as a receiving tank for saltwell waste transfers.	30-Sep-01	AMO		S	L							
PI.ERP-26.B	Complete waste transfers tank 241-AP-106 to tank 241-AP-108 and tank 241-AP-102 to tank 241-AP-106.	30-Sep-01	AMO		S	L							
PI.ERP-26.C	Transfer saltwell pumping or crosssite transfer waste through SN-650 to tank 241-AP-102.	15-Oct-01	AMO		S	L							
PI.ERP-27.1	Complete ultrasonic testing (UT) reinspection of Double-Shell Tanks (DSTs) AP-108.	30-Sep-02	AMO		S	L							
PI.ERP-27.2	Complete the addition of sufficient caustic to DSTs AZ-102 and AN-106 to bring calculated bulk hydroxide concentration within chemistry specification.	30-Sep-02	AMO		S	L							
PI.ERP-27.3	Complete the preparations to make the Synthetic Aperture Focusing Technique/Tandem-Synthetic Aperture Focusing Technique (SAFT/T-SAFT) ultrasonic inspection tool ready for deployment in a Double Shell Tank (DST).	30-Sep-02	AMO		S	L							
PI.ERP-27.4	Complete video inspections of the following DSTs: AN-101, AN-102, AN-103, AN-104, AN-106, AN-107, AP-107, AP-108, AW-103, and AW-104.	30-Sep-02	AMO		S	L							
PI.ERP-28.1	Update the "Approach for Interim Closure Demonstrations" and submit to the Office of River Protection.	15-Jun-02	AMO		S	L							
PI.ERP-28.2	Complete the Accelerated Tank Closure Demonstration (ATCD) Data Assessment and submit to ORP.	15-Aug-02	AMO		S	L							
PI.ERP-28.3	Complete ATCD Alternatives Generation and Analysis and submit to ORP.	15-Sep-02	AMO		S	L							
PI.ERP-28.4	Complete ATCD Basis of Design and submit to ORP.	30-Sep-02	AMO		S	L							
PI.ERP-28.5	Complete retrieval of additional waste from first ATCD tank.	31-Jan-04	AMO		S	L							
PI.ERP-28.6	Complete closure of first ATCD tank.	30-Mar-04	AMO		S	L							
PI.ERP-28.7	Complete closure of additional 4 ATCD tanks.	31-Dec-04	AMO		S	L							
PI.ERP-29.1a	Develop a Planning and Technical Integration Project Plan for the overall integration of the TIBDT, MAI, and C3T teams.	30-Apr-02	MGR				S						L
PI.ERP-29.1b	Develop a communications plan for the Planning and Technical Integration of work initiatives.	30-Apr-02	MGR				S						L
PI.ERP-29.1c	Develop the project plan for the MAI Project	15-Apr-02	MGR				S						L
PI.ERP-29.1d	Develop the project plan for the C3T Project.	15-Apr-02	MGR				S						L

